

Applicant : Tal Lavian and Robert James Duncan  
Serial No. : 09/632,294  
Filed : August 4, 2000  
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Attorney's Docket No.: 10360-053001 / BA0367

### REMARKS

Claims 1-24 and 26-30 are pending in the present application. Claims 27-30 have been amended. Original claim 25 as filed has been cancelled. No new matter has been added. Reconsideration is respectfully requested in view of the amendments to the claims and the following remarks.

#### **I. Claim Objections**

The claims were objected to as containing two independent claims 25's. The Applicant has cancelled original claim 25 as filed, and has renumbered the claims added (in the previous response mailed December 10, 2003), as suggested by the Examiner.

The Applicant has also amended claims 27-29 to include antecedent references as suggested by the Examiner.

The Applicant respectfully submits that these amendments to the claims overcome the Examiner's objections to the claims.

#### **II. The § 112 Rejections**

Claims 1-30 were rejected under 35 U.S.C. § 112, first paragraph. The Examiner alleges that the claims contain subject matter that was not described in the specification. In particular, the Examiner states that the term "non-object oriented management information database" is not described in the specification. The Applicant respectfully disagrees.

Conventional network management tools typically use commands – e.g., "get", "set", and "test" – of the simple network management protocol (SNMP) to access a management information database (MIB) (specification, page 1, lines 15-19). As is commonly known in the network management arts – and as used in the Applicant's specification – the MIB is conventionally in a non-object-oriented format.

The Applicant's specification generally describes a system that provides an object-oriented network management interface for applications to access a non-object-oriented MIB using object-oriented classes and methods. In particular, with reference to FIG. 3, an MIB compiler 221 first receives an MIB associated with a network device (step 302). An MIB

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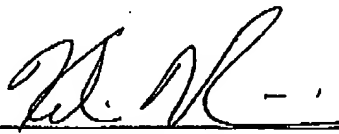
generally includes definitions that describe network parameters associated with a given network device (specification, page 9, lines 19-24). The MIB compiler 221 next extracts network parameters from the MIB (step 304), and generates an object-oriented MIB application-programming interface (API) and a MIB map 220 (step 306). The object-oriented MIB API provides object-oriented class definitions corresponding to the MIB and method calls for accessing variables in the MIB. The MIB map 220 assists in mapping the object-oriented class definitions and method calls into corresponding combinations of SNMP primitives (e.g., "get", "set", and "test") used by, e.g., a SNMP stack for retrieving a network parameter from the MIB (specification, page 6, lines 20-30). Because the MIB API uses SNMP primitives to query the MIB, then the MIB must be in a non-object oriented format to respond to the SNMP primitives.

For the reasons provided in the Amendment in Reply to the Action dated September 17, 2003, Applicant respectfully submits that the claims are in condition for allowance. Please feel free to call the undersigned at the number below should the Examiner have any further questions.

Please apply any other charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: 06-21-04

  
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